

AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. **Cancelled**

2. **(Currently Amended)** A lockdown flange for use with an independent screwed wellhead, comprising:

an annular body having an axial passageway with an A-lockdown flange as claimed in claim 1 wherein the internal diameter of the axial passageway that is greater than that of the a passageway through the wellhead, so that a mandrel of a blowout preventer protector can be inserted therein and sealed against an annulus of the lockdown flange; the annular body further having a bottom surface adapted to be mounted to a top of a casing mandrel in the wellhead, an annular shoulder for supporting a lockdown nut for engaging a pin thread disposed on an external periphery of the wellhead to secure the lockdown flange to the wellhead, and a top flange for secure connection of one of: a flanged adapter pin, a high pressure valve, a well stimulation tool, and a blowout preventer.

3. **(Currently Amended)** A lockdown flange for use with an independent screwed wellhead, comprising:

an annular body having an axial passageway with an internal diameter at least as large as a passageway through the wellhead, a bottom surface adapted to be mounted to a top of a casing mandrel in the wellhead, an annular shoulder for supporting a lockdown nut for engaging a pin thread disposed on an external periphery of the wellhead to secure the lockdown flange to the wellhead, and a top flange for secure connection of one of: a flanged adapter pin, a high pressure valve, a well stimulation tool, and a blowout preventer. A lockdown flange as claimed in claim 1 wherein the axial passageway comprises an adapter pin chamber for receiving an adapter pin, the adapter pin having an internal diameter equal to that of the casing mandrel, and comprising a pin threaded nipple for adapted to engage engaging a top box thread of the casing mandrel.

4. **(Previously Presented)** A lockdown flange as claimed in claim 3 further comprising a pancake gasket that provides a fluid seal in an annular gap between a top of the adapter pin chamber and a top of the adapter pin.

5. **(Original)** A lockdown flange as claimed in claim 4 wherein an outer wall of the adapter pin comprises pin threads for engaging complementary box threads on an interior surface of the adapter pin chamber.

6. **(Original)** A lockdown flange as claimed in claim 4 wherein the adapter pin further comprises a pin sleeve connected to an outer bottom end of the adapter pin, and adapted to be adjustably movable into a seating contact with the top of the casing mandrel to stabilize the adapter pin.

7. **Cancelled**

8. **Cancelled**

9. **Cancelled**

10. **Cancelled**

11. **Cancelled**

12. **Cancelled**

13. **Cancelled**

14. **(Original)** A multi-lock adapter for a flanged adapter pin for an independent screwed wellhead, comprising:

an adapter pin having a pin threaded nipple for engaging top box threads in a central passage of a casing mandrel of the wellhead;

a lockdown flange for locking the adapter pin to the independent screwed wellhead;

a lockdown nut for locking the lockdown flange to the independent screwed wellhead; and

means for interconnecting the adapter pin and the lockdown flange.

15. **Cancelled**

16. **Cancelled**

17. **(Previously Presented)** The multi-lock adapter as claimed in claim 14 wherein the means for interconnecting the adapter pin and the lockdown flange comprises an adapter pin chamber in a bottom of an axial passage of the lockdown flange, the adapter pin chamber receiving the adapter pin.

18. **(Previously Presented)** The multi-lock adapter as claimed in claim 17 further comprising a pin sleeve that threadedly engages pin threads on an outer periphery of the adapter pin, and is adjustably movable to position in which the pin sleeve sits securely on a top surface of the casing mandrel.

19. **(Previously Presented)** A multi-lock adapter as claimed in claim 17 further comprising a pancake gasket between a top of the adapter pin and a top of the adapter pin chamber.

20. **(Previously Presented)** A multi-lock adapter as claimed in claim 19 further comprising fluid seals located between an outer periphery of the adapter pin and the adapter pin chamber.

21. **Cancelled**

22. **(Currently Amended)** A method for stimulating a well equipped with an independent screwed wellhead, in order to complete or re-complete the well, comprising:

mounting a multi-lock adapter to the independent screwed wellhead;

mounting one of a high pressure valve, a blowout preventer and a well stimulation tool to a top flange of the multi-lock adapter; ~~The method as claimed in claim 19 wherein mounting the multi lock adapter to the independent screwed wellhead comprises:~~

screwing a threaded nipple on a bottom of an adapter pin into top box threads in a casing mandrel of the independent screwed wellhead;

mounting a lockdown flange over the adapter pin; and

locking the lockdown flange to the independent screwed wellhead using a lockdown nut that engages a pin thread on an outer periphery of the independent screwed wellhead; and

pumping high pressure fluid through the one of the high pressure valve, the blowout preventer and the well stimulation tool.

23. **Cancelled**

24. **(Previously Presented)** A method for stimulating a well equipped with an independent screwed wellhead, in order to complete or re-complete the well, comprising:

mounting a lockdown flange to the independent screwed wellhead, the lockdown flange having an axial passage of a larger diameter than an axial passage through a casing mandrel of the independent screwed wellhead;

mounting a blowout preventer to a top flange of the lockdown flange;

mounting a blowout preventer protector to a top of the blowout preventer;

stroking the blowout preventer protector through the blowout preventer and into a high-pressure fluid sealing contact with the axial passage through the lockdown flange; and

pumping high pressure fluid through the blowout preventer protector and into a casing of the well.